

ABSTRACT

The present invention relates to a method of manufacturing hollow ceramics fibers with the pores of the micron-scale hollow structure unidirectionally oriented, the method of manufacturing is characterized in the steps of dispersing organic fibers in a dielectric liquid and applying high voltage to the dielectric liquid containing the dispersed organic fibers to electrostatically align them to produce a fiber accumulation in which the organic fibers are unidirectionally oriented, using said fiber accumulation as a mold and dipping said fiber accumulation in a ceramics base solution, and then removing said mold by treatment with heat or organic solvents.